

ABSTRACT OF THE DISCLOSURE

A lighting circuit including a circuit for preventing erroneous illumination of LEDs wherein the lighting circuit, serving as a drive circuit for the LEDs, includes a transistor and a differential amplifier placed at a preceding stage of the transistor. A positive input side of the differential amplifier is connected to a battery through a switch and to a reference resistor R_{ref} . A voltage of the battery is divided by resistors R_1 and R_2 and supplied to a negative input side of the differential amplifier. A resistance value $(R_1/R_2) \times R_{ref}$ is set to be smaller than a leakage resistance value R_s of the switch. Thus, the differential amplifier is not turned on when the switch is opened even though there is a leakage at the switch. Therefore, the transistor is not turned on, and the LEDs are not illuminated.